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Interoffice Memo

LONE STAR INDUSTRIES, INC.

One Greenwich Plaza, Greenwich, Connecticut 06830

Originating Office: Seattle Cement Plant

Date: July 14, 1982

TO: D. H. Armstrong

FROM: L. L. Coslett

SUBJECT: PCB Transformers/Circuit Breakers

Attached please find inventory/inspection data sheets on all PCB containing equipment currently in use at the Seattle Cement Plant.

No PCB containing equipment was found to be in storage. Total inventory consists of six units with PCB rating and two units rated PCB contaminated.

Lloyd Coslett

LLC/mme
Attachments

cc: T. G. Wells
K. J. Rone
P. E. Burton
R. J. Rajki

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Main floor Finish Mill Building - West

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working condition.

5. Other observations G.E. Analysis - Greater than 50% PCB (Pyronol)

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 180 gal. x 6 kg/gal x assume 100% = 1080 kg.

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric Low Voltage Power Circuit Breaker No. 179A5066-784AD -
Type AK-2-50-3 - S/N 963295A, 1600 Amp - 3Ø - 60 HZ - 180 gal. capacity
(600 VAC - 42,000A - 480 VAC - 50,000A)
(240 VAC - 65,000A - 250 VAC - 50,000A)

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Main floor Finish Mill Building - East

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working condition.

5. Other observations G.E. Analysis - Greater than 50% PCB (Pyronol)

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 180 gal. x 6 kg/gal x assume 100% = 1080 kg.

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric Low Voltage Power Circuit Breaker No. 179A5066-784AD -
Type AK-2-50-3 - S/N F963295B, 1600 Amp - 3Ø - 60 HZ - 180 gal. capacity.
(600 VAC - 42,000A - 480 VAC - 50,000A)
(240 VAC - 65,000A - 250 VAC - 50,000A)

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Group 2 Cement Storage Silos

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working condition.

5. Other observations G.E. Analysis - Greater than 50% PCB (Pyronol)

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 135 gal x 6 kg/gal x 100% (assume) = 810 kg.

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site _____)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric Transformer - S/N F-963361, Class OA/FA 3Ø 60 HZ - Voltage Rating 4160/480/277 - 750 KVA - Cont. 65° C Rise Self Cooled A13B3B - 135 gal. capacity

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Clinker Storage Silos

3. Leaks observed None

4. Service or replacement of transformer Unit in service and found to be in good working condition.

5. Other observations
G.E. Analysis - Greater than 50% PCB (Pyronol)

6. Estimated weight of PCB in kilograms*.
   a. PCB in use 140 gal. x 6 kg/gal x 100% (assume) = 840 kg.
   b. PCB in storage None kg.
   c. PCB to disposal None kg.
   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric Transformer - S/N F-963294 - Class OA 3Ø 60 HZ
Voltage Rating 4160/480Y/277 - Weight 5600# NP206A6

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Slurry Tanks Substation

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working condition.

5. Other observations

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 981 gal. x 6 kg/gal x 507 PPM = 2.984 kg. *

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

Westinghouse 3750/4200 KVA - 3Ø - 60 HZ - 2400V - S/N PCR61541
981 gallon capacity - Transformer Consultants (TC) Tag #13.

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Incoming Power Substation (Owned by Seattle City Light)

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in excellent condition.

5. Other observations

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 30 gal. x 6 kg/gal x 646 PPM = 0.116 kg. *

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric 75KVA - 4160V - 3Ø - 60 HZ, S/N H2216538-68P
40 Amp. - 30 gallon capacity - Transformer Consultants (TC) Tag #12.

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment No. 1 Kiln under No. 3 Pier

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working order.

5. Other observations PCB contaminated.

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 20 gal x 6 kg/gal x 92 PPM = 0.011 kg. *

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator

EQUIPMENT IDENTIFICATION

Name Plate Missing - 20 gallon capacity.
Transformer Consultants (TC) Tag #33.

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.

LONE STAR INDUSTRIES-PACIFIC REGION
INSPECTION REPORT
PCB TRANSFORMERS AND PCB-CONTAMINED
TRANSFORMERS IN USE OR IN STORAGE

1. Name of Lone Star facility Seattle Cement Plant

2. Location of PCB equipment Electrostatic Precipitator - Section #3

3. Leaks observed None

4. Service or replacement of transformer Unit in use and found to be in good working order.

5. Other observations PCB contaminated.

6. Estimated weight of PCB in kilograms*.

   a. PCB in use 155 gal. x 6 kg/gal. x 119 PPM= 0.111 kg. *

   b. PCB in storage None kg.

   c. PCB to disposal None kg.

   (Location of disposal site)

7. Name of inspector Paul E. Burton - Electrical Foreman Date 7-13-82
   Lloyd L. Coslett - Safety Coordinator 7-13-82

EQUIPMENT IDENTIFICATION

General Electric - 55 KV - D.C. - 600 Amp - 1Ø - 60 HZ
155 gallon capacity - S/N 934202 - Transformer Consultants (TC) Tag #35.

*Weight=gallons x 6 Kilograms/gallon x Percent concentration of PCB.